

Amendment to the Claims:

Please cancel claims 24-28 and add the new claims as follows:

1-28 (Canceled)

29. (New) A camshaft of an internal combustion engine having at least one cylinder and two fuel inlet valves for said cylinder comprising a shaft having a first, rigidly mounted cam element provided with first and second peripheral tracks engageable with one of said fuel inlet valves, each of said first and second tracks including a lobe, a second, rigidly mounted cam element provided with third and fourth peripheral tracks engageable with the other of said fuel inlet valves, each of said third and fourth peripheral tracks including a lobe, and means cooperable with an external component for selectively axially displacing said shaft, wherein each of said tracks differs from each of the other of said tracks.

30. (New) A camshaft according to claim 29 wherein the radius of the lobe of each of said tracks differs from the radius of each of the other of said tracks.

31. (New) A camshaft according to claim 29 wherein the radius of the lobe of said third track is greater than the radius of the lobe of said first track.

32. (New) A camshaft according to claim 29 wherein the radius of the lobe of said fourth lobe is greater than the lobe of said second track.

33. (New) A camshaft according to claim 29 wherein the lobe of said third track is angularly displaced relative to the lobe of said first track, relative to the axis of said shaft.

34. (New) A camshaft according to claim 29 wherein the lobe of said fourth track is angularly displaced relative to the lobe of said second track, relative to the axis of said shaft.

35. (New) A camshaft according to claim 29 wherein the lobe of said third track has a radius greater than the lobe of said first track and is angularly displaced relative to the lobe of said first track, relative to the axis of said shaft.

36. (New) A camshaft according to claim 29 wherein the lobe of said fourth track has a radius greater than the lobe of said second track and is angularly displaced relative to the lobe of said second track, relative to the axis of said shaft.

37. (New) A camshaft according to claim 29 wherein said means cooperable with

an external component for axially displacing said shaft comprises at least one helical groove in said shaft receptive to an insertive member adapted to be displaced along a line of travel disposed parallel to the axis of said shaft.

38. (New) A camshaft according to claim 37 including a pair of said helical grooves, each disposed adjacent one of said cam elements.